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TITLE: ORGANIC THIN FILM TRANSISTOR, ORGANIC THIN FILM
TRANSISTOR DEVICE, AND THEIR MANUFACTURING METHODS

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INVENTOR-INFORMATION:

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ABSTRACT:

PROBLEM TO BE SOLVED: To provide an organic thin film transistor with which organic thin film semiconductor devices can be formed continuously on a flexible base, such as the polymer supporting body etc., and, accordingly, can significantly reduce the manufacturing costs of the transistor devices and, in addition, which is excellent in performance, and to provide an organic thin film transistor device and methods of manufacturing the transistor and device.

SOLUTION: The organic thin film transistor has a gate electrode, a gate insulating layer, and an organic semiconductor layer adjoining the insulating

layer. The transistor also has a source electrode and a drain electrode both of which are brought into contact with the semiconductor layer. The source and the drain electrodes are respectively constituted of two layers containing different conductive materials.

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